Index of Claims

Application No.

09/970,820 Examiner

Michael D. Burkhart

Applicant(s)

FALB ET AL.

Art Unit

1636

✓ Rejected= Allowed

_ (Through numeral)
Cancelled

+ Restricted

N Non-Elected
I Interference

A Appeal
O Objected

| Claim | | Date | | | | | | | | | |
|---------------------|--|----------|------------|--------------|----------------|--------------|--|--------------|--------------|--|-------|
| Final | Original | 6/21/04 | | | | | | | | | |
| Œ | O | 6/2 | | <u></u> | ļ | | | Ĺ | | | |
| L | 1 | | ļ | | ┼- | + | + | +- | \perp | ╄ | Į |
| | 4 | | | ╙ | ╄ | + | 4_ | 4_ | | - | ļ |
| | 3 | | _ | 1 | ╀ | - | - | _ | _ | ↓_ | 1 |
| | 4 | ļ | - | - | - | ╁. | 4 | 1 | ↓_ | \perp | 4 |
| | 5 | ļ | <u> </u> | ┡ | ╄ | + | + | 1 | 1 | ↓_ | ļ |
| - | _ 5 | <u> </u> | ļ | - | - | - | - | \perp | _ | ↓_ | 1 |
| | 4 | | L | ┝ | - | ┼ | + | ╁ | ╁ | _ | 4 |
| | 1 3 4 5 6 7 8 9 | | | ⊢ | ╄- | ┼- | + | + | ┼ | | 4 |
| \vdash | 44 | - | - | ┢ | ⊬ | ╁ | + | + | 1- | - | ł |
| | 44 | | <u> </u> | - | ╁ | +- | +- | ╀ | +- | ١ | ł |
| | 10 | | | - | - | ╁ | ╀ | ┿ | ╁┈ | - | ł |
| | 16 | | | | ┼ | ╁ | ╁ | ╁ | + | ╁ | ł |
| - | 14 | | | - | ⊢ | + | +- | ╁ | ╀ | | ł |
| H | 15 | Н | | - | \vdash | + | + | + | ╁ | - | ł |
| - | 16 | - | | - | +- | ╁ | + | + | ╁ | ┢ | ł |
| | 17 | Н | | | ├ | ╁ | + | + | ╁ | ╁ | ł |
| | 18 | \dashv | | ⊢ | ╁╌ | ╁╌ | t | + | ╁ | ╁ | ł |
| \vdash | 16 | - | | ├─ | ┢ | - | ╁┈ | + | ╁╌ | ┢ | 1 |
| | 2h | | | \vdash | - | \vdash | ╁┈ | ┿ | + | - | ł |
| | 21 | | | - | - | + | ╁╌ | +- | \vdash | | ł |
| | 20 | | | | <u> </u> | +- | ╁╴ | ┼~ | + | | |
| | 11 12 18 16 17 18 19 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 38 39 40 | | | | | T | 十 | † | <u> </u> | ÌТ | ١ |
| | 24 | | | | | 1 | 1 | T | \vdash | | ŀ |
| | 25 | | | | | | 1 | | | | |
| | 26 | | | | | | | | | | |
| | 27 | | | | | Ī | Г | | Ì | | |
| | 2/8 | | | | | | | | | | 1 |
| | 4 9 | | | | | | | | | | |
| | 30 | | | | | | | L | | | 10.00 |
| | 31 | _ | | | | L | L | L | ļ | | |
| | 32 | | | | | <u> </u> | | | | | |
| | 33 | _ | _ | | <u> </u> | <u> </u> | | <u> </u> | | | × |
| | 34 | | _ | | <u> </u> | ļ | ļ | | | | l |
| | 35 | \dashv | | | | L. | <u> </u> | <u> </u> | <u> </u> | Щ | |
| | 30 | \dashv | _ | | ļ | - | - | ├ — | - | | |
| | 37 | - | | | | _ | ⊢ | ├ | | | |
| - | 3p | -+ | \dashv | | | - | ⊢ | ├— | | - | |
| | 10 | | \dashv | _ | | | ├ | ├ | | | |
| | 41 | - | | | | | - | \vdash | - | -+ | |
| | 71 | \dashv | \dashv | | | - | - | ├— | | \dashv | |
| | 42 43 | \dashv | | | _ | \vdash | - | - | | $\vdash \vdash$ | |
| \dashv | 41 | + | \dashv | | | - | | - | | \vdash | |
| | 45 | \dashv | \dashv | - | _ | - | \vdash | \vdash | \vdash | | |
| - | 46 | \dashv | 1 | \dashv | | - | | | \vdash | | |
| | 47 | 寸 | \dashv | \exists | | | | | | \dashv | |
| | 48 | _ | \dashv | \exists | | | | | | \dashv | |
| $\neg \neg \dagger$ | 49 | | T | | | _ | 1 | | \vdash | \dashv | |
| | 45 46 47 48 49 50 | 十 | 7 | | | | | | | \dashv | |
| | | | | _ | | | | | | | |

| E | J | Cli | aim | T | | | | Dai | te | | | | _ |
|--|---|----------|-----|-----------|--|----------|----------|--|----------|----------|--|----------|---------------|
| 51 | | | | | 4 | | T | T | | | | | |
| 51 | 3 | ъ | ij. | 10/ | 100 | | | | | | | | |
| 51 | | ίΞ | ŗ | 127 | 0/2 | | | | | | | | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | ١ | | | 1 | - | | | | 1 | | | | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | 1 | | 51/ | T | 1 | | | T | | 1 - | 1 | Т | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | | 52 | T | Т | T | \top | | 1 | | | T | _ |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | | 53 | T | \top | T | T | 1 | | | | | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | I | | 54 | T | | | T | | T | | T | 1 | _ |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | | 55 | | | | Π | T | | | | Ī | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | | 56 | | Τ | Π | | | | | | | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | Į | | 57 | | L. | | | | | | Ι | | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | l | | 58 | | L | | | | | | | | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | 1 | | 59 | | <u> </u> | _ | | | | L | | | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | ļ | | 6D | | | <u> </u> | ↓_ | <u> </u> | | | | ┸ | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | ļ | | 61 | | <u> </u> | | \perp | \perp | | | <u> </u> | | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | 1 | | 62 | | | | | L | | | | | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | | 6B | \perp | \perp | _ | \perp | <u> </u> | | | L | L | _ |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | ŀ | | 64 | | | | 1_ | <u> </u> | | ↓_ | L | | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | 1 | | 65 | 1_ | 1 | <u> </u> | _ | | \perp | 1_ | 1 | \perp | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | ŀ | | 66 | ــــ | ļ., | <u> </u> | L. | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | L. | \perp | | | |
| 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 | ŀ | | 67 | + | 1 | ╙ | ╙ | <u> </u> | L | 丄 | 1 | ļ | |
| 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 | ŀ | | 68 | ļ., | + + | ļ | ┺ | ļ | _ | ╙ | <u> </u> | <u> </u> | _ |
| 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | 1 | | 69 | | \sqcup | Ļ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ļ | \perp | |
| 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | ŀ | | 70 | ├- | \sqcup | <u> </u> | | | ↓_ | ↓_ | | L | - |
| 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | ŀ | | 71 | - | 11 | <u> </u> | ļ., | | L. | _ | _ | ╙ | 4 |
| 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | ŀ | | 72 | 1 | H | | ļ | ├ | <u> </u> | - | - | <u> </u> | ļ |
| 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | ŀ | | 73 | + | 1 | ļ., | - | | ļ_ | _ | L | ļ., | 4 |
| 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | ŀ | | 75 | H | ├ | ļ | ⊢ | ļ | _ | - | ├ _ | _ | 4 |
| 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | ł | | 70 | 1 | + | ┝ | ⊢ | ╄ | ├ | ├ | ├ | - | Į |
| 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | ۲ | | 77 | + | ├─ | | ⊢ | ├ | <u> </u> | ╀ | H | ┼- | 4 |
| 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | ŀ | | 78 | H | - | <u> </u> | | - | ┢┈ | ├ | ╁ | ├ | ┨ |
| 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | ŀ | | 70 | 1 | - | <u> </u> | | - | | ├ | | ┢ | ┨ |
| 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | ŀ | | 80 | 1 | - | - | ╁ | ├─ | - | - | ├ | ⊢ | ł |
| 84 | ŀ | \dashv | 81 | - | \vdash | | - | \vdash | ├- | - | ├ | ╁ | † |
| 84 | H | | 82 | + | | - | - | \vdash | +- | \vdash | \vdash | ├ | $\frac{1}{2}$ |
| 84 | H | | 83 | 1 | | <u> </u> | \vdash | - | - | f | | - | 1 |
| 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | t | | 84 | \vdash | H | - | - | | | <u> </u> | \vdash | \vdash | 1 |
| 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | r | | 85 | \dagger | ! | - | \vdash | | <u> </u> | \vdash | 1 | | 1 |
| 87 88 89 90 91 91 92 93 94 95 96 97 98 | ۲ | | 86 | | | <u> </u> | | | - | | <u> </u> | _ | 1 |
| 89 90 90 91 91 92 93 94 95 96 97 98 99 99 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | r | | 87 | 1 | 1 | | I^- | | | T | | | 1 |
| 89 90 90 91 91 92 93 94 95 96 97 98 99 99 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | r | | 88 | \top | | | <u> </u> | | - | | _ | | 1 |
| 90 91 91 92 93 93 94 95 96 97 98 99 99 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | r | | 89 | | | | | | _ | <u> </u> | | | 1 |
| 91 92 93 94 95 96 97 98 99 1 | Γ | | 90 | | 1 | | _ | П | | | | | 1 |
| 93 94 95 96 97 98 99 1 | Γ | | 91 | | | | | П | | | | | 1 |
| 93 94 95 96 97 98 99 1 | Γ | | 92 | | \sqcap | | | П | | | | _ | 1 |
| 95 96 97 98 99 | | | 93 | | | | | | | | | | 1 |
| 96 97 98 99 7 | Ĺ | | | \Box | | | | | | | | _ | 1 |
| 96 97 98 99 7 | Ĺ | | 95 | | | | | | | | | | 1 |
| 98 99 7 | Ĺ | | 96 | | | | | | | | | _ | 1 |
| 99 | Ĺ | \Box | | $oxed{J}$ | | | | | | | | | 1 |
| | L | | | \Box | \Box | | | | | | | | 1 |
| 100 ! N | Ĺ | | | Д | _!] | | | | | | | | |
| | L | | 100 | ! | N | _] | | | | | | | |

| Г | CI | aim | | Date | | | | | | | | |
|--|--------------|--|----------|----------------|----------|--------------|----------|--------------|--------------|----------|-----------|--|
| | | | | - | | Τ | Т | | T | T | Τ | |
| 3 | ō | Original | 6/21/04 | Š | | | | | | | | |
| 1 8 | - La | Ē | 2 | 125 | ļ | | | | | | | |
| - | _ | 0 | ο, | 2 | | ı | | | 1 | | | |
| - | | 101 | + | N | ┝ | ╁╌ | + | +- | + | + | ┼ | |
| - | | 101 | + | N | ├- | ₩ | +- | +- | +- | ╁ | \vdash | |
| \vdash | - | 102 | Ť | IN | ├- | ╁ | ╁ | + | + | +- | - | |
| \vdash | | 103 | | | | ┢ | ╁ | +- | +- | ╄ | ┢ | |
| \vdash | | 104 | - | | - | ├ | \perp | +- | ╄ | ╄ | — | |
| \vdash | | 105 | \vdash | - | _ | - | +- | + | ┼ | ╀ | <u> </u> | |
| — | | 106 | | <u> </u> | _ | | 4_ | - | L | - | | |
| ļ | | 107 | | | | <u> </u> | ↓_ | 4 | ╄- | <u> </u> | Ш | |
| L | | 101 102 103 104 105 106 107 108 109 | | | | Ļ | ↓_ | ↓ | \downarrow | <u> </u> | | |
| <u> </u> | _ | 109 | | | | <u> </u> | \perp | \downarrow | _ | | Ш | |
| L | | 110 | | | | L | ↓_ | 1_ | | 1 | | |
| L | | <u> 111</u> | | | | | | | | | | |
| L. | | 112 | | | | | ┖ | \perp | | | | |
| \vdash | | 113 | | | | L | L | | | L | | |
| \Box | | 114 | | | | | | Γ | | Γ | | |
| L | [| 115 | | | | | | | | | П | |
| \Box | ╗ | 110 111 112 113 114 115 116 117 118 119 | | | | | 1 | | | | | |
| | | 117 | | | | | | | T | 1 | | |
| | ヿ | 118 | | | | | 1 | Т | T | İ — | 1 | |
| - | | 119 | | | | | 1 | 1 | 1 | | \vdash | |
| | 7 | 120 121 122 123 | | _ | _ | T | T | ╁╌ | \vdash | 1 | | |
| | _ | 121 | | | | | + | † | H | H | H | |
| ┢ | \dashv | 122 | \vdash | | | - | + | +- | + | ┢╌ | Н | |
| \vdash | - | 123 | | | | H | ╁ | ╁ | ├- | ├─ | \vdash | |
| ┢ | - | 124 | | | | ┝ | +- | ╁ | ╁ | | Н | |
| <u> </u> | \dashv | 124 125 126 127 128 129 130 131 | \dashv | - | | - | ├ | + | - | - | \vdash | |
| | \dashv | 126 | | | - | _ | + | - | - | | - | |
| - | -+ | 127 | \dashv | | | | ⊢ | ┼ | - | ļ | Н | |
| - | \dashv | 129 | | | | _ | ╁╌ | ┼- | <u> </u> | - | | |
| - | -+ | 120 | | - | _ | | - | ┼- | ⊢ | H | \vdash | |
| | -+ | 129 | - | \dashv | | | ├ | +- | ├ - | ļ | | |
| | \dashv | 130 | - | | | | | _ | <u> </u> | L | 1 | |
| | + | 131 | 4 | \dashv | _ | | L | ļ., | | L., | | |
| | \dashv | 132 | - | _ | | | <u> </u> | ـ | | | Щ | |
| | 4 | 132 133 134 | \dashv | | | | <u> </u> | | _ | | | |
| | - | 134 | 4 | \dashv | _ | | L. | ⊢ | <u> </u> | | | |
| | 4 | 135 136 | _ | | _ | | ļ | _ | L | | | |
| | \downarrow | 136 | | _ | _ | | ļ | <u> </u> | L_ | \sqcup | _ | |
| | 4 | 137 | _ | _ | _ | | | L_ | | | _ | |
| | 4 | 138 139 | 4 | | | | | | Щ | Ш | \Box | |
| | 4 | 139 | _ | \perp | | _ | _ | _ | | | \perp | |
| | \perp | 140 | \perp | \perp | | | <u></u> | | | | | |
| | \perp | 141 | | | | | | | | | | |
| | \perp | 142 | | \Box | | | L | | | | | |
| | I | 143 | J | | | | | | | | | |
| _ | $oxed{J}$ | 144 | | $ \mathbb{J} $ | _1 | | | | | | | |
| | | 145 | | | \neg | | | | | | | |
| | T | 146 | 7 | \neg | | | | \Box | | \neg | \neg | |
| | | 147 | \neg | 7 | 7 | _ | _ | П | | | \neg | |
| | \top | 148 | \top | \dashv | 7 | | | \vdash | _ | 7 | | |
| | \dagger | 149 | \dashv | \top | \dashv | | | \vdash | \dashv | - | \exists | |
| | \dagger | 150 | \top | \dashv | + | 7 | _ | | \dashv | \dashv | \dashv | |
| | | .00 | | _ | | | | ட | | | | |